

L Number	Hits	Search Text	DB	Time stamp
1	596	slider with (groove channel hole tube) with air	USPAT	2004/05/25 08:52
2	32	(slider with (groove channel hole tube) with air) and 369/\$7.cccls.	USPAT	2004/05/25 09:04
3	2	((slider with (groove channel hole tube) with air with perpendicular) and 369/\$7.cccls.	USPAT	2004/05/25 09:05
4	30	((slider with (groove channel hole tube) with perpendicular) and 369/\$7.cccls.	USPAT	2004/05/25 09:17
5	3	((slider with (groove channel hole tube) with perpendicular) and 369/\$7.cccls.) and (369/13.33 369/300).cccls.	USPAT	2004/05/25 09:06
6	4	(slider with (groove channel hole tube) with perpendicular with (under lower bottom)) and 369/\$7.cccls.	USPAT	2004/05/25 09:17
-	3680	air adj induct\$3	USPAT	2004/05/25 08:51
-	15	air adj induct\$3 adj channel	USPAT	2004/05/19 15:54
-	10154	air near5 induct\$3	USPAT	2004/05/19 15:55
-	0	(air near5 induct\$3) and (near\$1field ("near" adj field)) and 369/\$7.cccls.	USPAT	2004/05/19 15:58
-	1	(air with induct\$3) and (near\$1field ("near" adj field)) and 369/\$7.cccls.	USPAT	2004/05/19 15:59
-	1	(air with induct\$3) and ((near\$1field ("near" adj field)) same (optical with (head pick\$1up (pick adj up))))	USPAT	2004/05/19 15:59
-	14	(air near5 induct\$3) and (near\$1field ("near" adj field))	USPAT	2004/05/19 16:37
-	6	(near\$1field ("near" adj field)) and (cool\$3 temperature dissipat\$3 heat\$3 over\$1heat\$3) and (SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens))	EPO; JPO; DERWENT	2004/05/19 16:43
-	13	(near\$1field ("near" adj field)) and air and (SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens))	EPO; JPO; DERWENT	2004/05/19 16:46
-	4073	(near\$1field ("near" adj field) SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens))	EPO; JPO; DERWENT	2004/05/19 16:46
-	432	(near\$1field ("near" adj field) SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens)) and (cool\$3 temperature dissipat\$3 heat\$3 over\$1heat\$3)	EPO; JPO; DERWENT	2004/05/19 16:47
-	24	(near\$1field ("near" adj field) SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens)) and (cool\$3 temperature dissipat\$3 heat\$3 over\$1heat\$3) and air	EPO; JPO; DERWENT	2004/05/19 16:50
-	148	(near\$1field ("near" adj field) SIL (solid adj immersion adj lens) (collective adj lens) (evanesc\$4 with lens)) and (cool\$3 temperature dissipat\$3 heat\$3 over\$1heat\$3) and air and slider (369/13.33 369/300).cccls.	USPAT	2004/05/19 16:52
-	80	(369/13.33).cccls.	USPAT	2004/05/24 15:55
-	39	(369/13.33).cccls.	USPAT	2004/05/24 09:50
-	41	(369/13.33 369/300).cccls. and (SIL (solid adj immersion adj lens) (collective adj lens) (lens with evanescen\$3))	USPAT	2004/05/19 16:58

-		5	(369/13.33 369/300).ccls. and ((SIL (solid adj immersion adj lens) (collective adj lens) (lens with evanescen\$3)) same (cool\$3 ((temperature heat\$3) near4 (reduc\$4 dissipat\$3 lower\$3)) over\$1heat\$3))	USPAT	2004/05/19 17:02
-		1	(369/13.33 369/300).ccls. and (SIL (solid adj immersion adj lens) (collective adj lens) (lens with evanescen\$3)) and ((cool\$3 ((temperature heat\$3) near4 (reduc\$4 dissipat\$3 lower\$3)) over\$1heat\$3) with lens)	USPAT	2004/05/19 17:04
-	61388		g11b011/\$.ipc. or g11b005/02.ipc. or thermomagnetic\$5 or thermo adj magnetic\$5 or magnetoptical\$5 or opto adj magnet\$5 or optomagnet\$5 or magneto adj optical\$5 or magnetooptical\$5 or SIL or solid adj immersion adj lens or "near" adj field or evanescen\$5 or ((optical\$5 or lens) and (g11b005/60 or g11b021/21 or g11b017/32).ipc.)	EPO; JPO; DERWENT	2004/05/19 17:21
-	844465		cool\$ or dissipat\$ or heat adj sink\$3 or dissipat\$6	EPO; JPO; DERWENT	2004/05/19 17:21
-	1067		(g11b011/\$.ipc. or g11b005/02.ipc. or thermomagnetic\$5 or thermo adj magnetic\$5 or magnetoptical\$5 or opto adj magnet\$5 or optomagnet\$5 or magneto adj optical\$5 or magnetooptical\$5 or SIL or solid adj immersion adj lens or "near" adj field or evanescen\$5 or ((optical\$5 or lens) and (g11b005/60 or g11b021/21 or g11b017/32).ipc.)) and (cool\$ or dissipat\$ or heat adj sink\$3 or dissipat\$6)	EPO; JPO; DERWENT	2004/05/19 17:21
-	99350		slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write)) or (g11b005/60 or g11b021/21 or g11b017/32).ipc.	EPO; JPO; DERWENT	2004/05/19 17:22
-	1067		((g11b011/\$.ipc. or g11b005/02.ipc. or thermomagnetic\$5 or thermo adj magnetic\$5 or magnetoptical\$5 or opto adj magnet\$5 or optomagnet\$5 or magneto adj optical\$5 or magnetooptical\$5 or SIL or solid adj immersion adj lens or "near" adj field or evanescen\$5 or ((optical\$5 or lens) and (g11b005/60 or g11b021/21 or g11b017/32).ipc.)) and (cool\$ or dissipat\$ or heat adj sink\$3 or dissipat\$6))	EPO; JPO; DERWENT	2004/05/19 17:22
-	39		((g11b011/\$.ipc. or g11b005/02.ipc. or thermomagnetic\$5 or thermo adj magnetic\$5 or magnetoptical\$5 or opto adj magnet\$5 or optomagnet\$5 or magneto adj optical\$5 or magnetooptical\$5 or SIL or solid adj immersion adj lens or "near" adj field or evanescen\$5 or ((optical\$5 or lens) and (g11b005/60 or g11b021/21 or g11b017/32).ipc.)) and (cool\$ or dissipat\$ or heat adj sink\$3 or dissipat\$6)) and (slider\$1 or ((air or aerodynamic\$6 or hydrodynamic\$6 or float\$3 or fly\$3 or flies or aero adj dynamic\$6 or hydro adj dynamic\$6 or ABS or levitat\$5) near5 (head or transduc\$ or read adj write)) or (g11b005/60 or g11b021/21 or g11b017/32).ipc.)	EPO; JPO; DERWENT	2004/05/19 17:37
-	290		sugiyama-masahiko.in.	EPO; JPO; DERWENT	2004/05/19 17:37

-	0	sugiyama-masahiko.in. and nec.as	EPO; JPO; DERWENT USPAT; US-PPGPUB; EPO; JPO; DERWENT USPAT; US-PPGPUB; EPO; JPO; DERWENT USPAT	2004/05/19 17:37 2004/05/19 17:38
-	323	sugiyama-masahiko.in.		
-	3	sugiyama-masahiko.in. and nec.as.		2004/05/19 17:38
-	27	sugiyama-masahiko.in.	USPAT	2004/05/19 17:39
-	21	(369/13.33 369/300).ccls. and (air near4 (flow\$3 induct\$3 guid\$3))	USPAT	2004/05/19 17:44
-	8	(369/13.33 369/300).ccls. and ((air near4 (flow\$3 induct\$3 guid\$3)) same (temperature cool\$3 heat\$3 dissipat\$3 over\$1heat\$3 reduc\$4 lower\$3))	USPAT	2004/05/19 17:45
-	1	(369/13.33 369/300).ccls. and (collective adj lens)	USPAT	2004/05/20 15:58
-	6	("5243591" "6028830" "6084743" "6292323" "6307832" "6339517").PN.	USPAT	2004/05/20 15:51
-	58	(369/13.33 369/300).ccls. and (slider)	USPAT	2004/05/20 15:58
-	20	(369/13.33 369/300).ccls. and (air near (flow\$3 guid\$3 current blowing cooling induct\$3))	USPAT	2004/05/20 16:38
-	22	(369/13.33 369/300).ccls. and (air near3 (flow\$3 guid\$3 current blowing cooling induct\$3))	USPAT	2004/05/20 16:06
-	151	(air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 (temperature near3 (lower\$3 reduc\$4 dissipat\$3)))	USPAT	2004/05/20 16:19
-	130	((air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 (temperature near3 (lower\$3 reduc\$4 dissipat\$3)))) and (slider near\$1field ("near" adj field) optical head pick\$1up (pick adj up))	USPAT	2004/05/20 16:17
-	130	((air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 (temperature near3 (lower\$3 reduc\$4 dissipat\$3)))) and (slider near\$1field ("near" adj field) optical head pick\$1up (pick adj up) sil "solid immersion lens")	USPAT	2004/05/20 16:20
-	2	((air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 (temperature near3 (lower\$3 reduc\$4 dissipat\$3)))) and (slider near\$1field ("near" adj field) optical head pick\$1up (pick adj up) sil "solid immersion lens")) and slider	USPAT	2004/05/20 16:18
-	155	(air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 ((temperature heat) near3 (discharg\$3 lower\$3 reduc\$4 dissipat\$3)))	USPAT	2004/05/20 16:20
-	133	((air near3 (flow\$3 guid\$3 current blowing induct\$3)) with lens with (cool\$3 ((temperature heat) near3 (discharg\$3 lower\$3 reduc\$4 dissipat\$3)))) and (slider near\$1field ("near" adj field) optical head pick\$1up (pick adj up) sil "solid immersion lens")	USPAT	2004/05/20 16:21
-	2	(369/13.33 369/300).ccls. and (((high hot extreme) near3 temperature) over\$1heat\$4) with lens)	USPAT	2004/05/20 16:43
-	23	(369/13.33 369/300).ccls. and (lens with (temperature heat\$3 over\$1heat\$3))	USPAT	2004/05/20 16:44
-	47	(369/300).ccls.	USPAT	2004/05/24 09:04

-	23	(369/300).ccls. and (temperature heat)	USPAT	2004/05/24 09:04
-	26	(369/300).ccls. and (temperature heat\$3)	USPAT	2004/05/24 09:04
-	6	("5508869" "5535075" "5600515" "5841612" "5930088" "6016239").PN.	USPAT	2004/05/24 09:32
-	18	(369/13.33).ccls. and heat	USPAT	2004/05/24 09:51
-	30	(369/13.33).ccls. and (heat\$3 temperature)	USPAT	2004/05/24 09:51
-	13506	slider with (groove channel tunnel opening recess\$3 hole)	USPAT	2004/05/24 11:18
-	877	slider with (groove channel tunnel opening recess\$3 hole) with air	USPAT	2004/05/24 11:19
-	30	((near\$1field ("near" adj field) evanesc\$5) (369/13.33 369/300).ccls.) and (slider with (groove channel tunnel opening recess\$3 hole) with air)	USPAT	2004/05/24 11:43
-	0	masahiro-kanaguchi.in.	USPAT	2004/05/24 11:43
-	12815	masahiro.in.	USPAT	2004/05/24 11:43
-	225	masahiro.in. and sony.as.	USPAT	2004/05/24 11:43
-	2	masahiro.in. and sony.as. and kenji.in.	USPAT	2004/05/24 11:44
-	21	(369/13.33 369/300).ccls. and (sil (solid adj immersion adj lens)) and (objective adj lens) and (near\$1field ("near" adj field))	USPAT	2004/05/24 15:56
-	17	(369/13.33 369/300).ccls. and (sil (solid adj immersion adj lens)) and (objective adj lens) and (near\$1field ("near" adj field)) and slider	USPAT	2004/05/24 16:32
-	3	kanaguchi-masahiro.in.	USPAT	2004/05/24 16:32